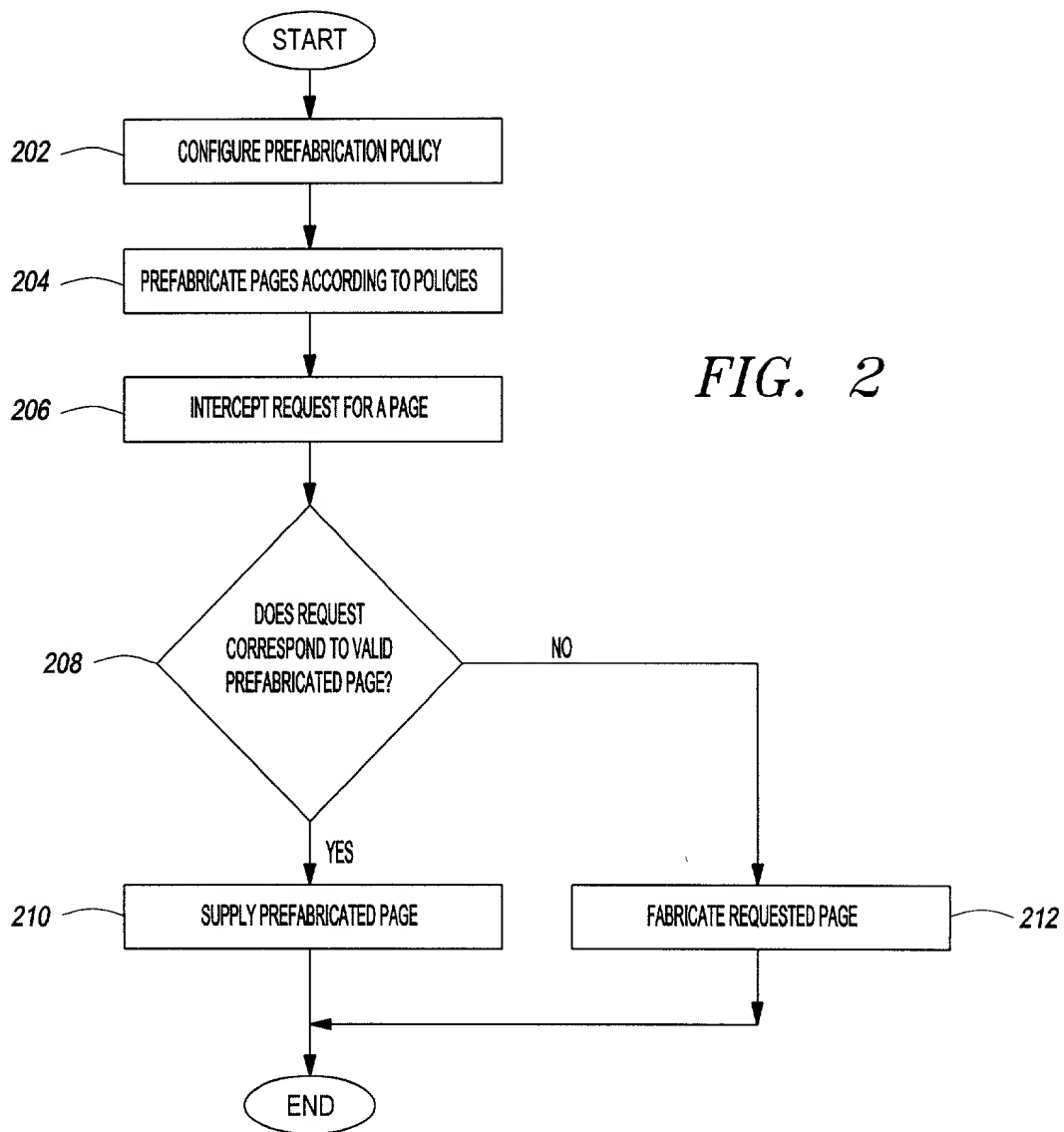
*FIG. 1*



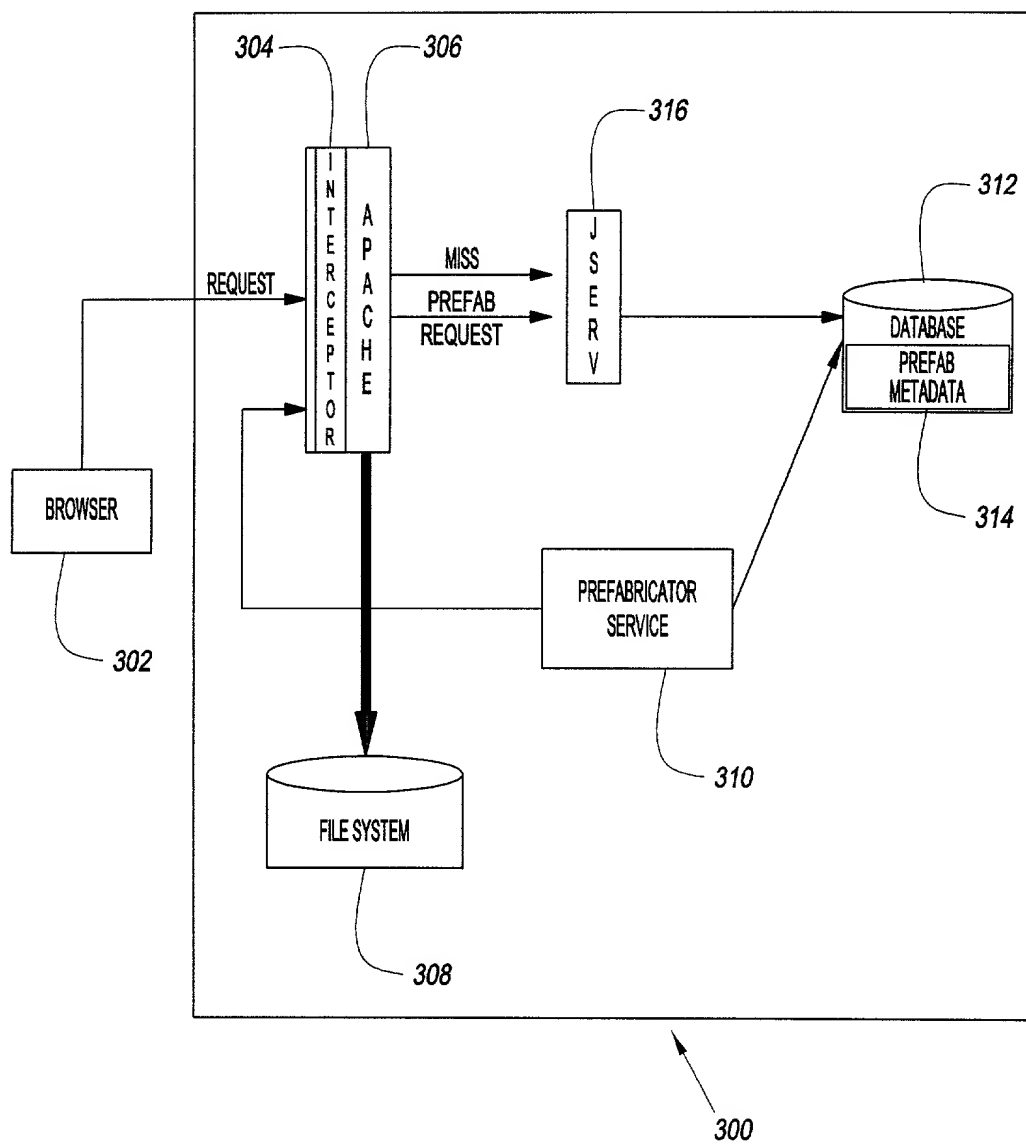


FIG. 3

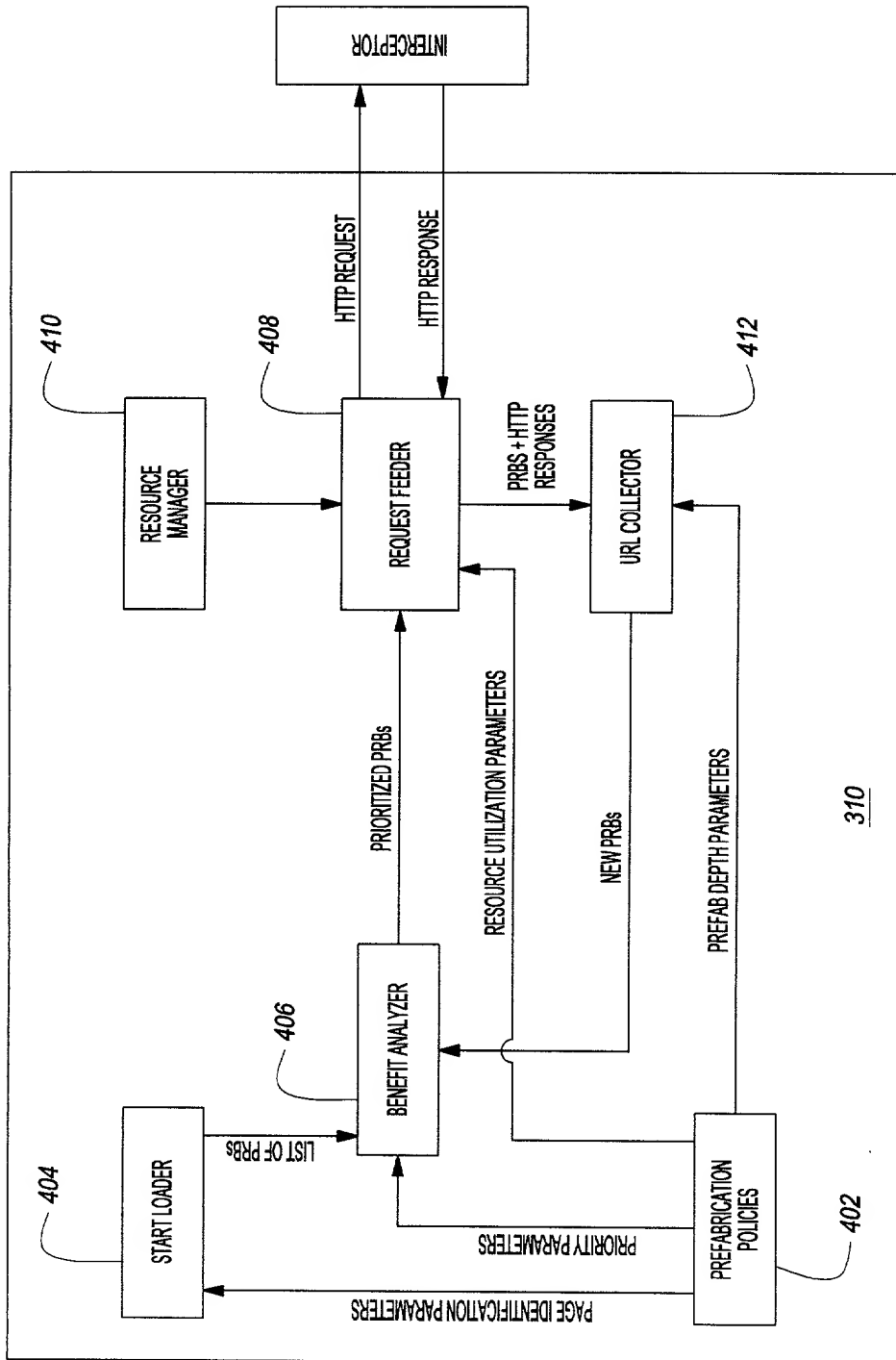


FIG. 4

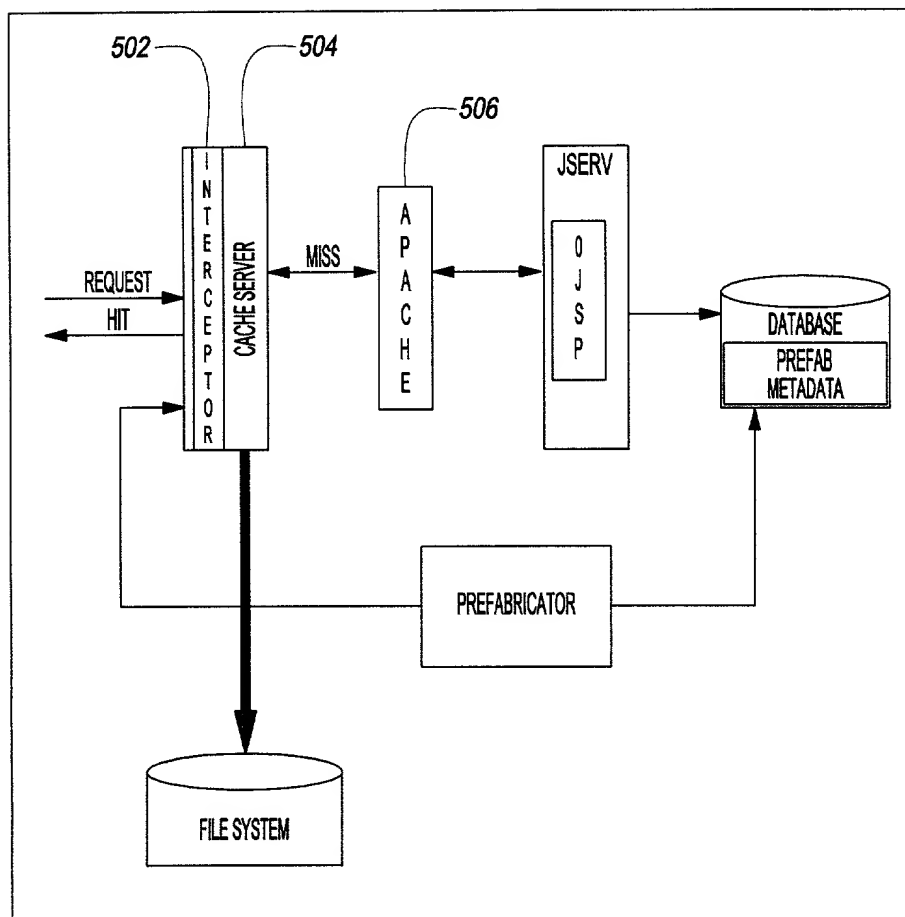


FIG. 5

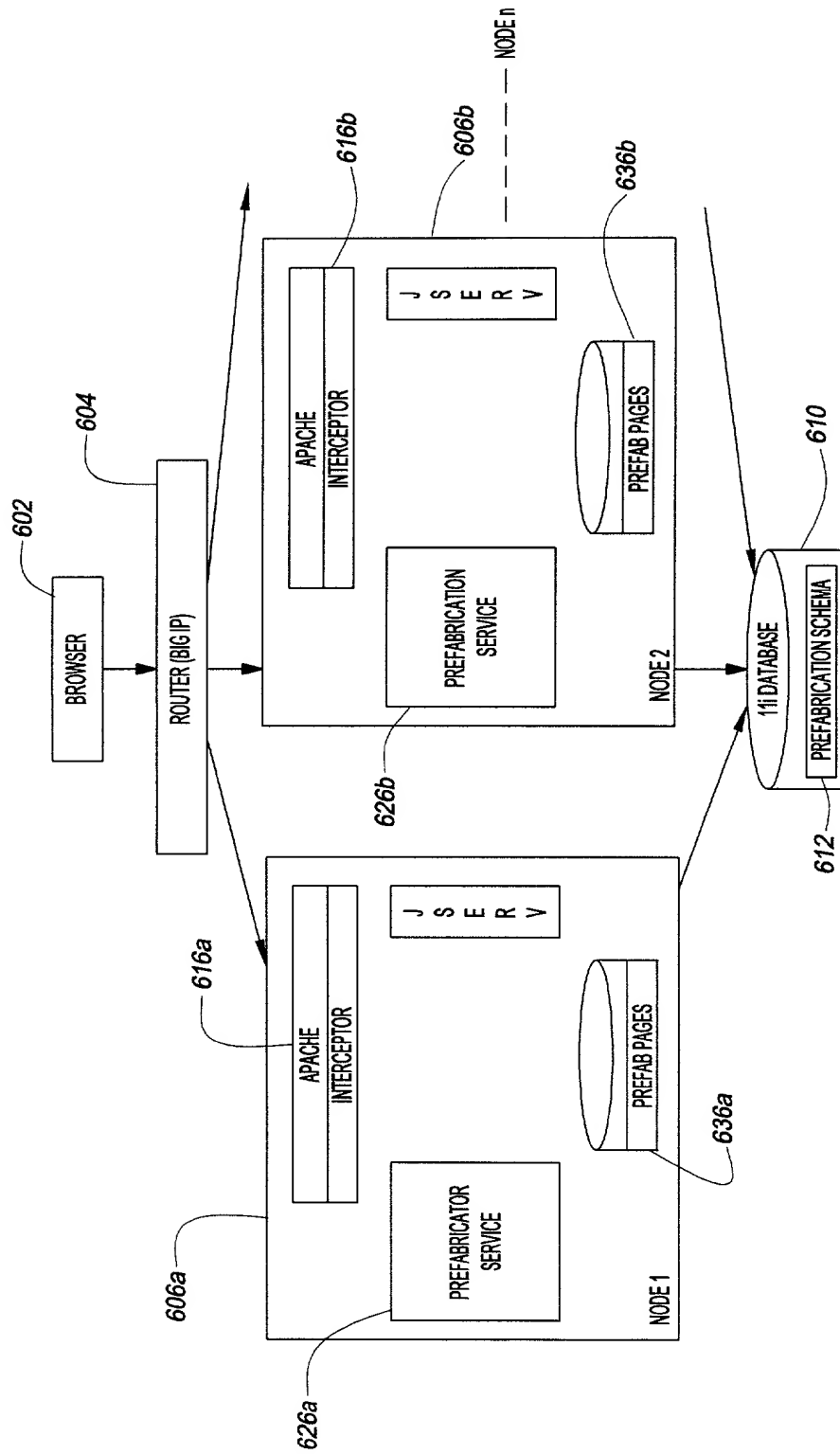
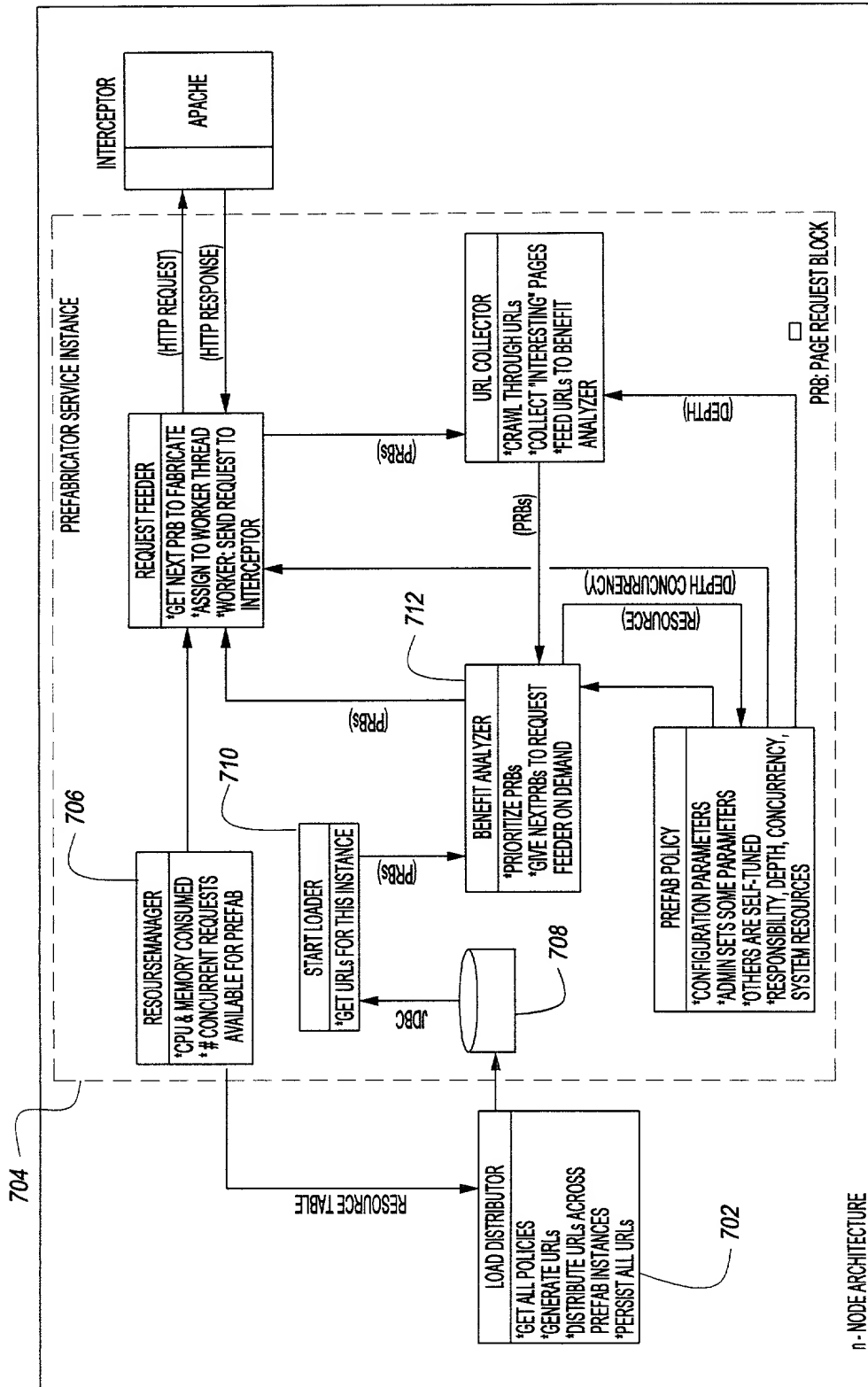


FIG. 6



802	ATTRIBUTE	DATA TYPE	DESCRIPTION
804	URI	STRING	URI THAT THE REQUEST REPRESENTS
806	USERID	INT	USERID OF THE USER THIS REQUEST BELONGS TO
808	APPID	INT	APPID THIS REQUEST BELONGS TO
	RESPID	INT	RESPID OF THE USER THIS REQUEST BELONGS TO
810	DEPTH	INT	STARTING FROM THE HOME PAGE, THE NUMBER OF PAGES TO BE NAVIGATED BEFORE THIS URL IS REACHED. A PAGE IS AT DEPTH 0 IF IT IS THE USER'S HOMEPAGE, DEPTH 1 IF IT IS A PAGE THAT CAN BE REACHED DIRECTLY FROM THE HOME PAGE, ETC. LOGIN PAGE IS AT DEPTH -1.
812	WEIGHT	LONG	WEIGHT ASSOCIATED WITH THIS PRB
814	HOMEPRB	PRB	PRB OF THE ENTRY PAGE TO THIS APPLICATION FOR THE USER
816	CHILDRENPRB	VECTOR (PRB)	ALL THE PRBS GATHERED FROM THIS PAGE
	AVGENERATIONTIME	LONG	AVERAGE PAGE GENERATION TIME
818	REFCOUNT	INT	NUMBER OF CHILDREN PRB THIS HAS
820			

FIG. 8



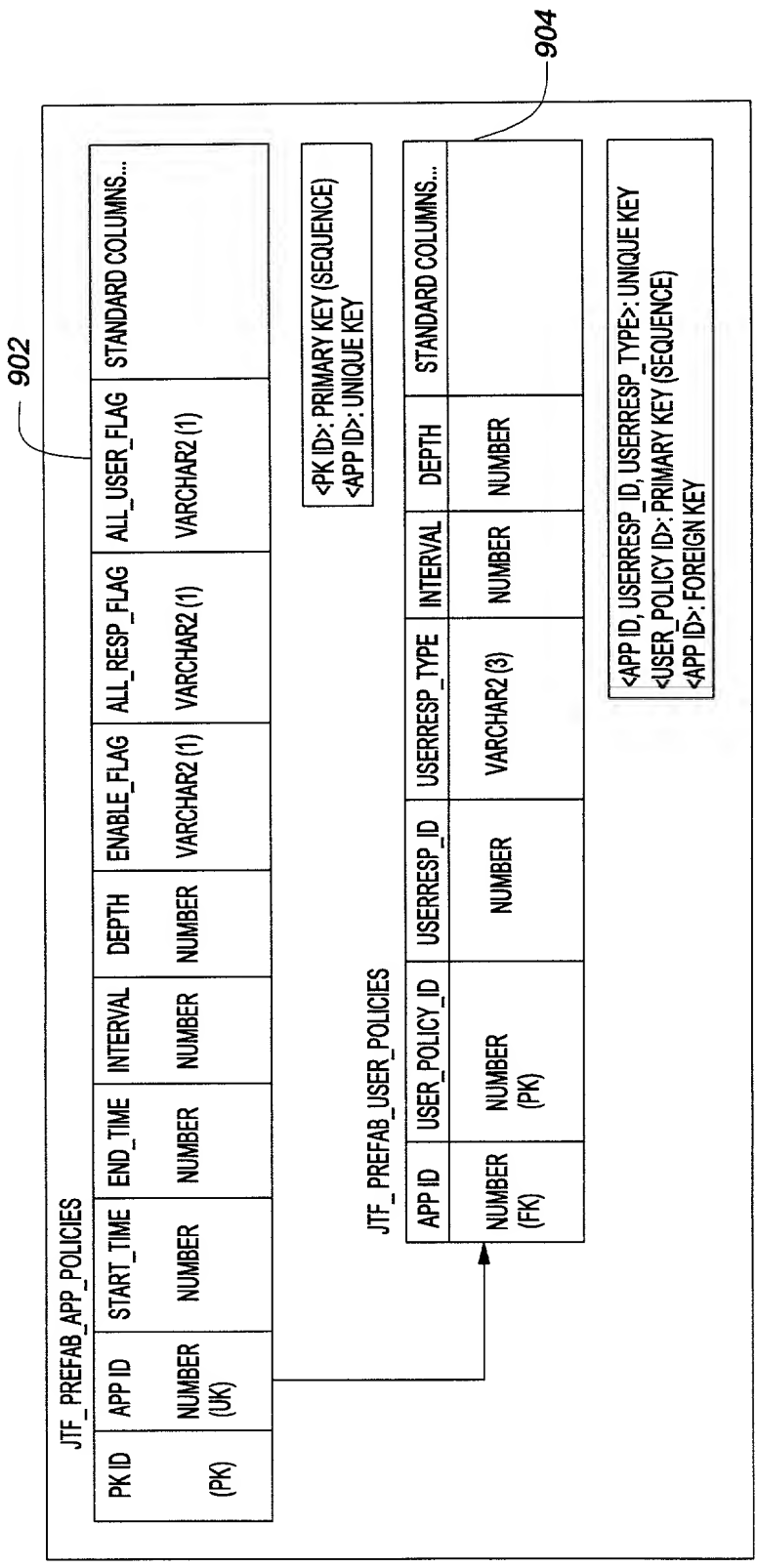


FIG. 9

INDEX TABLE	DESCRIPTION
WEIGHT INDEX	INDEXES PRBS ACCORDING TO THEIR WEIGHTS
DEPTH INDEX	INDEXES PRBS ACCORDING TO THEIR DEPTHS
URI SUBSTRING INDEX	INDEXES PRBS ACCORDING TO THEIR URI SUBSTRINGS. NOW, THE URI SUBSTRING IS DEFINED AS THE .JSP NAME OF THE PRB (E.G. JTFVALD.JSP).
ID INDEX	INDEXES PRBS ACCORDING TO THEIR APPID, RESPID, USERID COMBINATION.
URI INDEX	INDEXES PRBS ACCORDING TO THEIR URI. SINCE THIS ATTRIBUTE IS ALWAYS UNIQUE, THE DATA STRUCTURE OF THIS INDEX IS A SIMPLE HASHTABLE OF PRBS, INSTEAD OF A HASHTABLE OF VECTORS.

FIG. 10

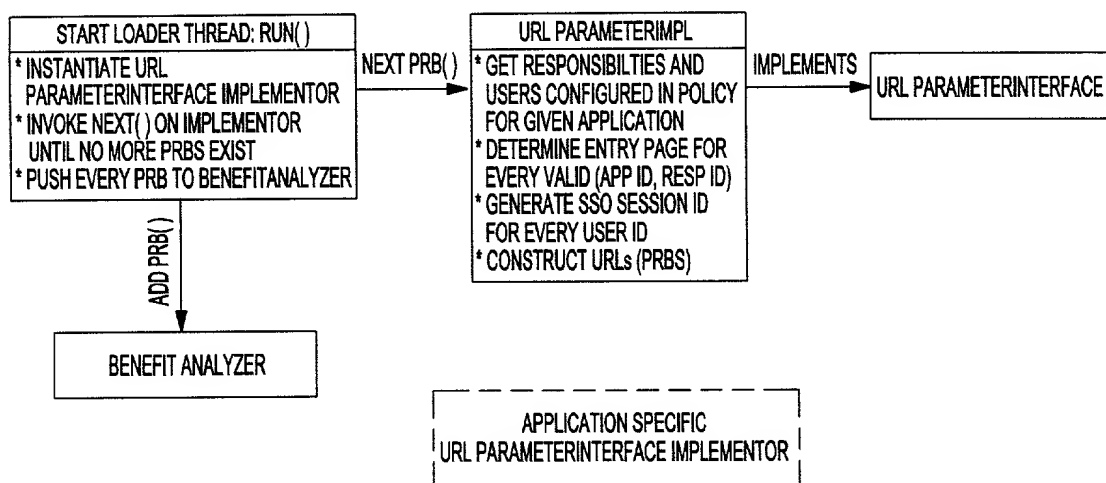
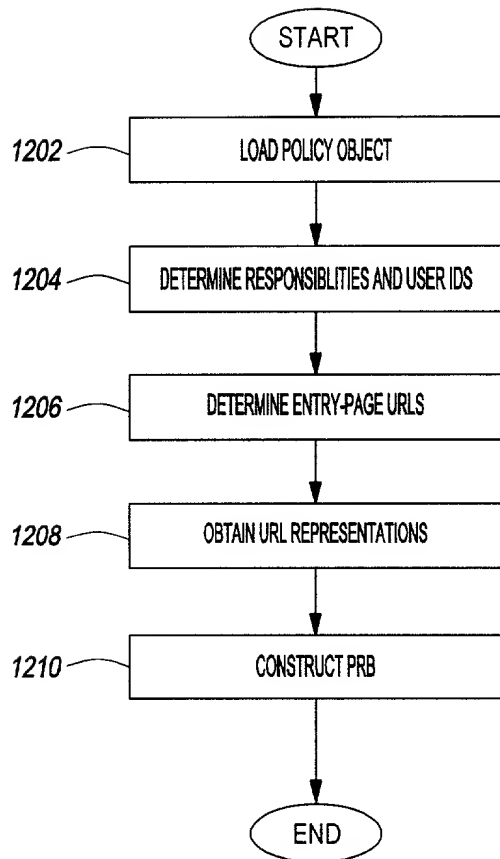


FIG. 11

*FIG. 12*

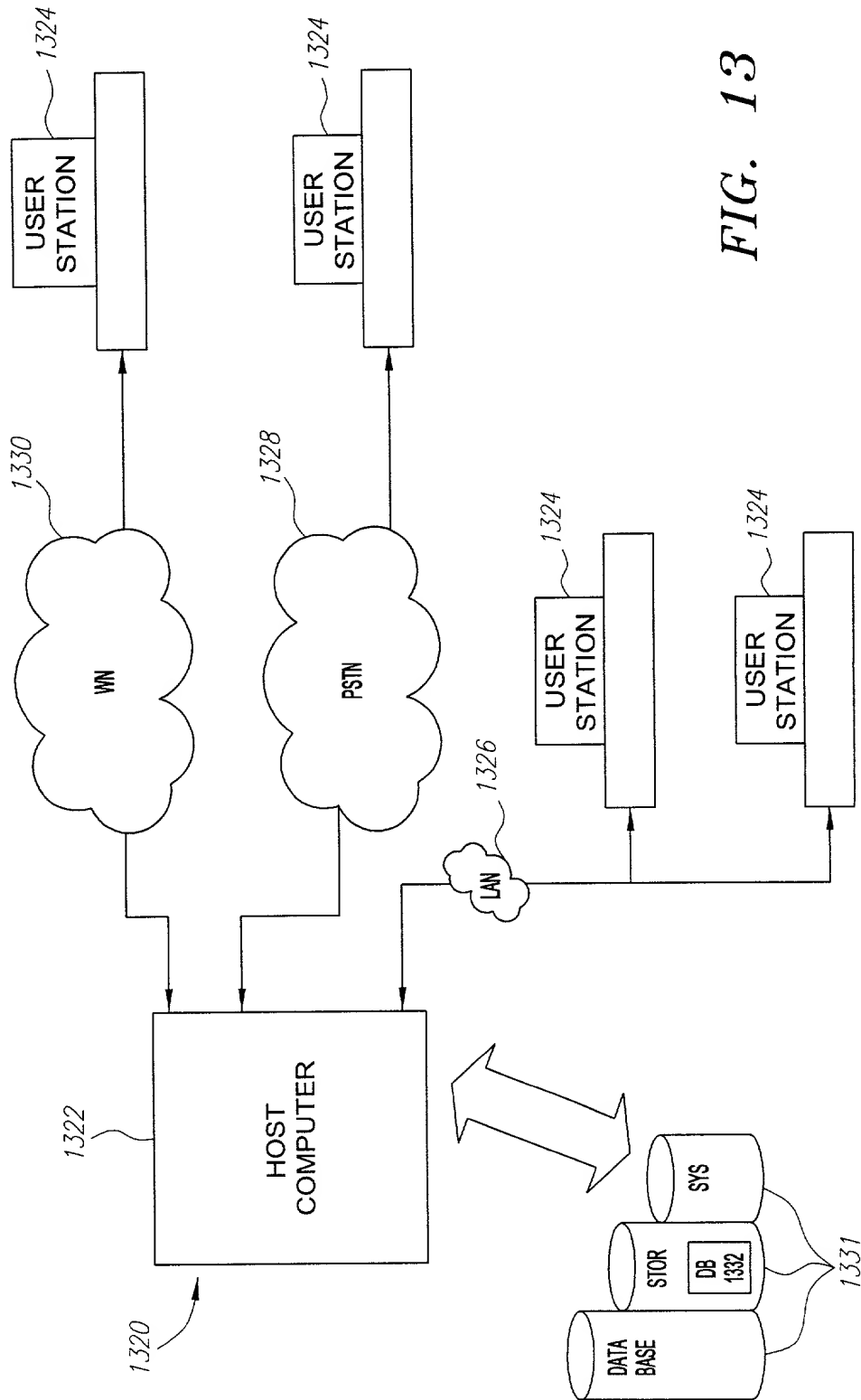


FIG. 13

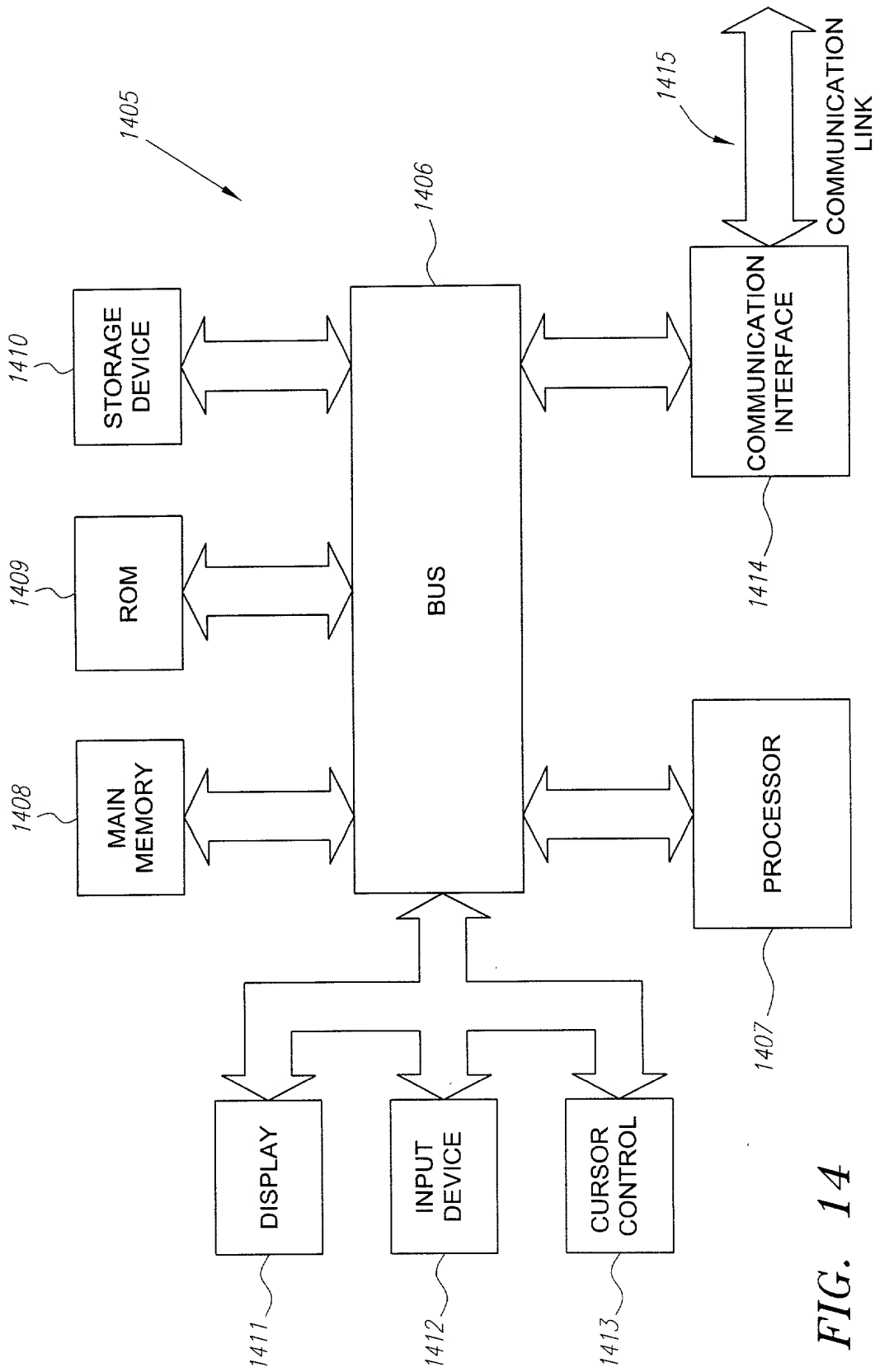


FIG. 14